

June 10, 2008

State of Utah Division of Oil, Gas, and Mining P.O. Box 145801 Salt Lake City, Utah 84114

RE:

Utah 17-1174

SWNW of Section 17-15S-9E Carbon County, Utah API Number 43-007-31177

Ladies and Gentlemen:

ConocoPhillips Company respectfully request that the approved Drilling Permit for the above well as it pertains to the surface location of 2046' FNL & 733' FWL (SWNW) of Section 17-15S-9E be cancelled. The location has been moved to better accommodate the topography of the area and a new Application for Permit to Drill is attached.

Should you have any questions, or need additional information, please do not hesitate to contact me at 432-688-6943.

Sincerely

Donna Williams

Sr. Regulatory Specialist

Xc:

**SITLA** 

RECEIVED

JUN 1 2 2008

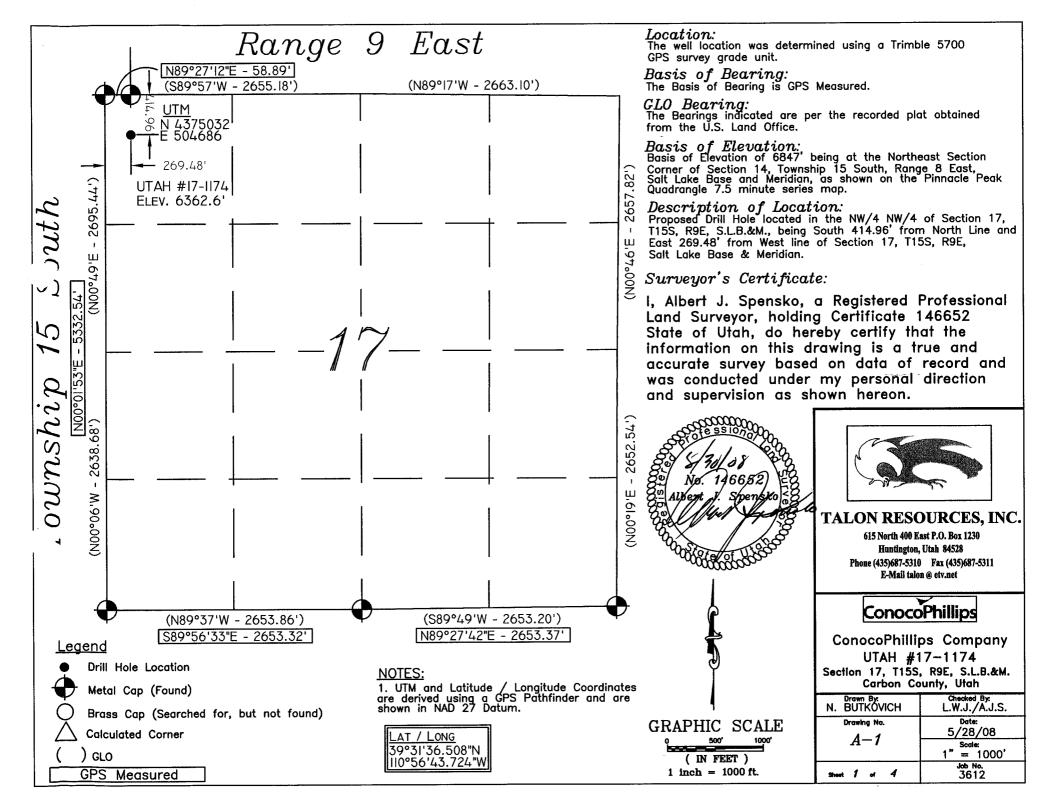
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

| FΩ | RI | M | 3 |
|----|----|---|---|

|  | FORM 3               |
|--|----------------------|
|  | D REPORT  t changes) |
| RAL LEASE NO:  | 6. SURFACE:          |
| 8207   | State                |
| DIAN, ALLOTTEE OR T  | RIBE NAME:           |
|  |                      |
| or CA AGREEMENT N<br>I <b>Kards Wash U</b><br>NAME and NUMBER: | JTU67921X            |
| 17-1174  |                      |
| D AND POOL, OR WI  | DCATY                |
| kards Wash   | 48                   |
| /QTR, SECTION, TOV<br>DIAN:                                    | VNŠHIP, RANGE,       |
| IW 17 15S  | 9E                   |
| NTY:   | 13. STATE:           |
| on   | UTAH                 |
| F ACRES ASSIGNED   | TO THIS WELL:        |
|  | 160                  |
| CRIPTION:  |                      |
| e  |                      |
| DURATION:  |                      |
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| ND SLURRY WEIGHT   |                      |
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| D65 + .1% 🖬  |                      |
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| ANY OTHER THAN TH  | IE LEASE OWNER       |
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|  |                        | APPLICA            | TION FOR          | PERMIT TO          | DRILL                             | 1          | 5. MINERAL LEASE NO:<br>VIL-48207 | 6. SURFACE:<br>State |  |  |
|--|------------------------|--------------------|-------------------|--------------------|-----------------------------------|------------|-----------------------------------|----------------------|--|--|
| 1A. TYPE OF WO   | rk: I                  | DRILL 🔽            | REENTER [         | DEEPEN             |                                   |            | 7. IF INDIAN, ALLOTTEE OR         | TRIBE NAME:          |  |  |
| B. TYPE OF WELL: OIL GAS OTHER SINGLE ZONE MULTIPLE ZONE Drunkards Wash UTU67921X  |                        |                    |                   |                    |                                   |            |                                   |                      |  |  |
| 2. NAME OF OPE   | RATOR:                 |                    |                   |                    |                                   |            | . WELL NAME and NUMBER            |                      |  |  |
| ConocoPhillips Company  Utah 17-1174   |                        |                    |                   |                    |                                   |            |                                   |                      |  |  |
| 3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE TX ZIP 79710 PHONE NUMBER: (432) 688-6943 Drunkards Wash   |                        |                    |                   |                    |                                   |            |                                   |                      |  |  |
| 4. LOCATION OF WELL (FOOTAGES) 504187X 43750334  AT SURFACE: 414.96 FNL & 269.48 FWL (NWNW) 17-15S-9E  11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 17 15S 9E |                        |                    |                   |                    |                                   |            |                                   |                      |  |  |
|  |                        |                    | FWL (NWNV         | V) 17-15S-9E       | •                                 | ı          | NWNW 17 158                       | 9E                   |  |  |
| AT PROPOSED  | PRODUCING Z            | ONE: Same          | 39.               | 526814             | 110.945470                        |            |                                   |                      |  |  |
|  |                        |                    | AREST TOWN OR FO  | OST OFFICE:        |                                   |            | 2. COUNTY:                        | 13. STATE:<br>UTAH   |  |  |
|  |                        | t of Price, Ut     |                   | L 40 AUMPER OF     | F ACRES IN LEASE:                 |            | Carbon  BER OF ACRES ASSIGNED     | TO THIS MELL         |  |  |
| 15. DISTANCE TO  |                        | OPERTY OR LEASE    | LINE (FEET)       | 16. NUMBER OF      | FACRES IN LEASE:                  | 17. NUM    | IBER OF ACRES ASSIGNED            | 160                  |  |  |
| 18. DISTANCE TO  | NEAREST WE             | LL (DRILLING, COM  | PLETED, OR        | 19. PROPOSED       |                                   | 20. BON    | D DESCRIPTION:                    |                      |  |  |
| APPLIED FOF<br>~1800′  | R) ON THIS LEAS        | SE (FEET)          |                   |                    | 3,330                             | Stat       | ewide                             |                      |  |  |
| 21. ELEVATIONS   | (SHOW WHETH            | HER DF, RT, GR, ET | C.):              | i                  | ATE DATE WORK WILL START:         | 1          | MATED DURATION:                   |                      |  |  |
| 6362.6' G  | L                      |                    |                   | 7/1/2008           |                                   | 10 d       | lays<br>                          |                      |  |  |
| 24.  |                        |                    | PROPOS            | SED CASING AI      | ND CEMENTING PROGRAM              |            |                                   |                      |  |  |
| SIZE OF HOLE   | CASING SIZE            | E, GRADE, AND WE   | IGHT PER FOOT     | SETTING DEPTH      | CEMENT TYPE, QU.                  | ANTITY, YI | ELD, AND SLURRY WEIGHT            |                      |  |  |
| 14 3/4   | 13 3/8                 | conductor          |                   | 60                 |                                   |            |                                   |                      |  |  |
| 11   | 8 5/8                  | J55                | 24#               | 400                | 175 sxs G + 2% cc +.              | 125 pp     | s 🎦                               |                      |  |  |
| 7 7/8  | 5 1/2                  | M80                | 17#               | 3,330              | 585 sxs 50/50 Poz G <b>ਜ਼</b> 2%  | 6 D20 +    | 24 D65 + .1% 🖥                    | i .                  |  |  |
|  |                        |                    |                   |                    | ,2% D167 + .125 pps               | D          | 130                               |                      |  |  |
|  |                        |                    |                   |                    |                                   |            |                                   |                      |  |  |
|  |                        |                    |                   |                    |                                   |            |                                   |                      |  |  |
|  |                        |                    |                   |                    |                                   |            |                                   |                      |  |  |
| 25.  |                        |                    | •                 | ATTA               | CHMENTS                           |            |                                   |                      |  |  |
| VERIFY THE FOL   | LOWING ARE A           | TTACHED IN ACCC    | RDANCE WITH THE   | UTAH OIL AND GAS C | ONSERVATION GENERAL RULES:        |            |                                   |                      |  |  |
| ✓ WELL PL  | AT OR MAD DRI          | EPARED BY LICENS   | ED SURVEYOR OR    | ENGINEER           | COMPLETE DRILLING PLAN            |            |                                   |                      |  |  |
| _  |                        |                    | S APPROVAL FOR US |                    | FORM 5, IF OPERATOR IS PE         | ERSON OR   | COMPANY OTHER THAN TH             | HE LEASE OWNER       |  |  |
| A ENDENC   | L OF BIVISION          | \ \                | ALTROVALTOR       | SE OF WATER        | TOTAL OF ELECTION OF E            |            | <b>30</b> 7 <b>3</b> <u></u> 1    |                      |  |  |
|  |                        |                    |                   |                    |                                   |            |                                   |                      |  |  |
| NAME (PLEASE I   | <sub>PRINT)</sub> Donr | na Williams        | $\supset$         | 1 W                | Sr. Regulatory                    | y Speci    | alist                             |                      |  |  |
|  | _ \                    | 1                  |                   | _                  | DATE 6/11/2008                    |            |                                   |                      |  |  |
| SIGNATURE  |                        | <u>Car</u>         |                   | - 1                | proved by the                     |            | 111                               |                      |  |  |
| (This space for Sta  | te use only)           |                    |                   |                    | tah Division of<br>Gas and Mining |            |                                   |                      |  |  |
|  |                        | 1.4                | . 41              | <b>-</b> ,         |                                   | DI=        | CEIVED                            |                      |  |  |
| API NUMBER ASS   | SIGNED:                | 43.007             | 31418             | <b>—</b>           | APPROVAL:                         |            |                                   |                      |  |  |
|  |                        |                    |                   | Date:              | The same                          |            | IN 1 2 2008                       |                      |  |  |
| (11/2001)  |                        |                    |                   | S. Instruct        | ans of sound supplied the         | DIV. OF    | OIL, GAS & MINING                 | l                    |  |  |



# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

| Bond No. 6196922  | DIVISION                               | N OF OIL, GAS AN            | D MINING   |                                      |
|---|--|-----------------------------|--|--------------------------------------|
|   |  | SURETY BON                  | )  |                                      |
| KNOW ALL MEN BY THESE PRES  |  |                             |  |                                      |
| That we (operator name)CQNOC and  | OPHILLIPS COMPA                        | WY .                        |  | as Principal,                        |
| (surety name) <u>SAFECO INSURANC</u><br>and qualified to do business in the S   | E COMPANY OF ALliate of Utah, are held | ERICA and firmly bound unto | he State of Utah in the sum  | as Surety, duly authorized of:       |
| EIGHTY THOUSAND AND I<br>lawful money of the United States, po<br>benefit of the State of Utah for the fail<br>severally by these presents. |  |                             |  |                                      |
| THE CONDITION OF THIS OBLIGA repairing, operating, and plugging an oil or gas production and/or the injec                                   |  |                             |  |                                      |
| X Blanket Bond:   | To cover all wells di                  | rilled in the State of Uta  | h .  |                                      |
| Individual Bond:  |  |                             |  |                                      |
|   |  | Township:                   | Range:   |                                      |
| •   | County:                                |                             | , Clair  |                                      |
| IN TESTIMONY WHEREOF, said Profficers and its corporate or notary s   | eal to be affixed this                 |                             | i has caused this instrument   | to be signed by its duly authorized  |
| (Corporate or Notary Seal here)   | 1                                      |                             |  |                                      |
|   | Ву                                     | Name (print)                | Principal (company ra  | A                                    |
| Attestee: 6 25/201 De   | *: 23 vz                               | Samer                       | 7. Hugher<br>Skyrodure   | 1.0                                  |
| IN TESTIMONY WHEREOF, said S to be affixed this   | urety has caused this                  | instrument to be signed     | i by its duly authorized office  | ers and its corporate or notary seal |
| 1ST day of JANUARY  |  | 20_03                       |  |                                      |
|   |  | St.                         | V TO A WE'L BOWE AND TO THE TOTAL REPORT OF TH |                                      |
| (Corporate or Notary Seal here)   | Ву                                     | Name (print)                | Mari. S  |                                      |
| Carolyn E. When   | h.<br>#e: 12/20/2002                   | Surety Mailing Addre        | Signature  |                                      |
| CAROLYN E. WHEELER NOTARY PUBLIC MY COMMISSION EXPIRES: NO (5/2002)   |  | City                        | THE TANK THE PARTY OF  | 269026017<br>Tip                     |

### EXHIBIT "D" DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
<u>Utah 17-1174</u>
414.96 FNL & 269.48 FWL
<u>NWNW of 17-15S-9E</u>
Carbon County, Utah

### 1. The Surface Geologic Formation

Mancos Shale

### 2. Estimated Tops of Important Geologic Markers

Blue Gate Shale Top

2729 TVD

### 3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 2874-3330 TVD

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

### 4. The Proposed Casing and Cementing Programs

| Hole Size | Casing Size | Wt/Ft | Grade | Joint | Depth set |
|-----------|-------------|-------|-------|-------|-----------|
| 14 ¾      | 13 3/8"     | 40.5  | H-40  | ST&C  | 0-60      |
| 11"       | 8 5/8"      | 24    | J55   | ST&C  | 0-400'    |
| 7 7/8"    | 5 ½"        | 17    | M80   | LT&C  | 0-3330    |

### **Cementing Program**

The 8 5/8" surface casing will be set with approximately 175 sacks Class G or Type V cement with 2% CC + ½ pps D130 mixed at 15.8 ppg (yield =1.16 ft<sup>3</sup>/sx). The cement will be circulated back to surface with 100% excess.

The 5 ½" production casing will be set and cemented using a single stage cementing process.

Cement Program: Cement w/585 sxs 50/50 Poz G + 2% D20 + .2% D65 + .1% D46 + .2% D167 + .125 pps D130 mixed at 14.1 ppg (yield=1.30 ft3/sx).

The above cement volumes are approximate and are calculated under the assumption that a gauge hole will be achieved. If the cement does not return to surface, a cement bond log will be run to determine the top of cement. In the case where the cement is below the surface casing shoe, the casing will be perforated and squeeze cemented to the surface. If the cement is above the surface casing shoe, cement will be one-inched to the surface.

### The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- Casing pressure tests after cementing, including test pressures and results.

### 5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to required pressures. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

### 6. The Type and Characteristics of the Proposed Circulating Muds

| 0-400  | 11" hole    | Drill with air, will mud-up if necessary.                         |
|--------|-------------|---|
| 400-TD | 7 7/8" hole | Drill with air, will mud-up if necessary. 400 psi @ 1400-1600 cfm |

### 7. The Testing, Logging and Coring Programs are as followed

400-TD Gamma Ray, Neutron Porosity, CBL

### Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is about 1256 psi max., however due to offset production pressures may be much lower. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

### 8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around July 1, 2008

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

### SURFACE USE PLAN

Attached to Form 3
ConocoPhillips Company
Utah 17-1174
Surf: 414.96 FNL & 269.48 FWL
NWNW of 17-15S-9E
Carbon County, Utah

### 1. Existing Roads

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

### 2. Planned Access

Approximately 500' of new access is required. (Refer to Drawing L-1)

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 7%
- c. Turnouts: None
- d. Drainage design: 2 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and power lines will follow the proposed access road.

### 3. Location of Existing Wells

a. Refer to Drawing L-1.

### 4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

### 5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

### 6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

### 7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- c. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

### 8. Ancillary Facilities

a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

### 9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Drawing A-2 and L-1.
- d. Natural runoff will be diverted around the well pad.

### 10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

### 11. Surface Ownership:

a. The wellsite and access road will be constructed on lands owned by School and Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities

### 12. Other Information:

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately 6 miles north
- b. Nearest live water is the North Springs located approximately 2000' north.
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:l.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

### 13. Company Representative

Jean Semborski
Construction/Asset Integrity Supervisor
ConocoPhillips Company
P.O. Box 851
6825 South 5300 West
Price, Utah 84501
(435) 613-9777
(435) 820-9807

### **Excavation Contractor**

Larry Jensen, Vice President Nelco Contractors Inc. (435) 637-3495 (435) 636-5268

### Mail Approved A.P.D. To:

Donna Williams Sr. Regulatory Analyst ConocoPhillips Company P.O. Box 51810 Midland, Texas 79710

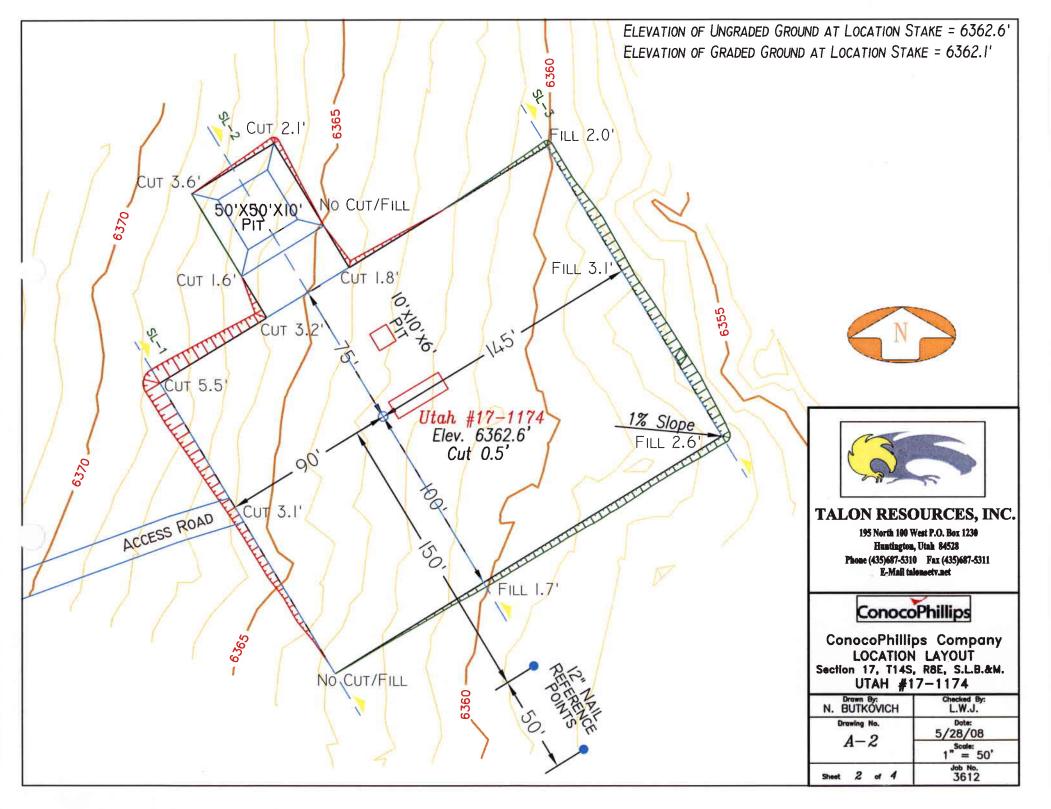
#### 14 Certification

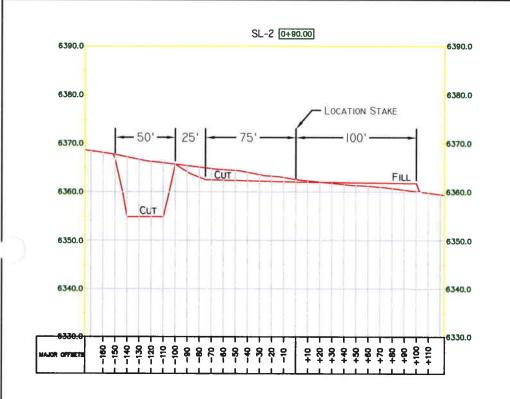
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

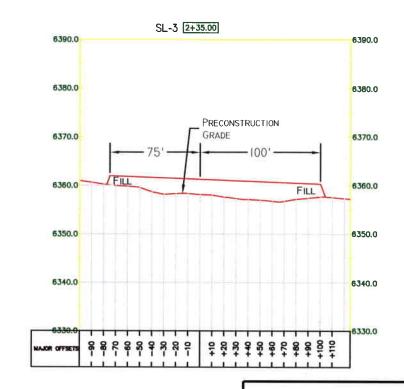
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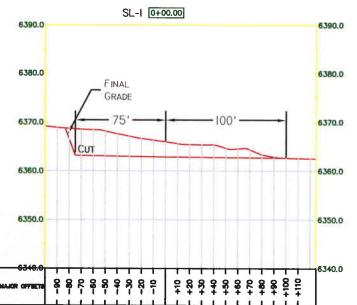
Donna Williams

Sr. Regulatory Analyst ConocoPhillips Company









SLOPE = | 1/2 : | (EXCEPT PIT) PIT SLOPE = | : |





### TALON RESOURCES, INC.

195 North 106 West P.O. Box 1230 Huntington, Utah 84528 Phone (435)687-5310 Fax (435)687-5311 E-Mail talonoetv.net

### ConocoPhillips

ConocoPhillips Company
TYPICAL CROSS SECTION
Section 17, T14S, R8E, S.L.B.&M.
UTAH #17-1174

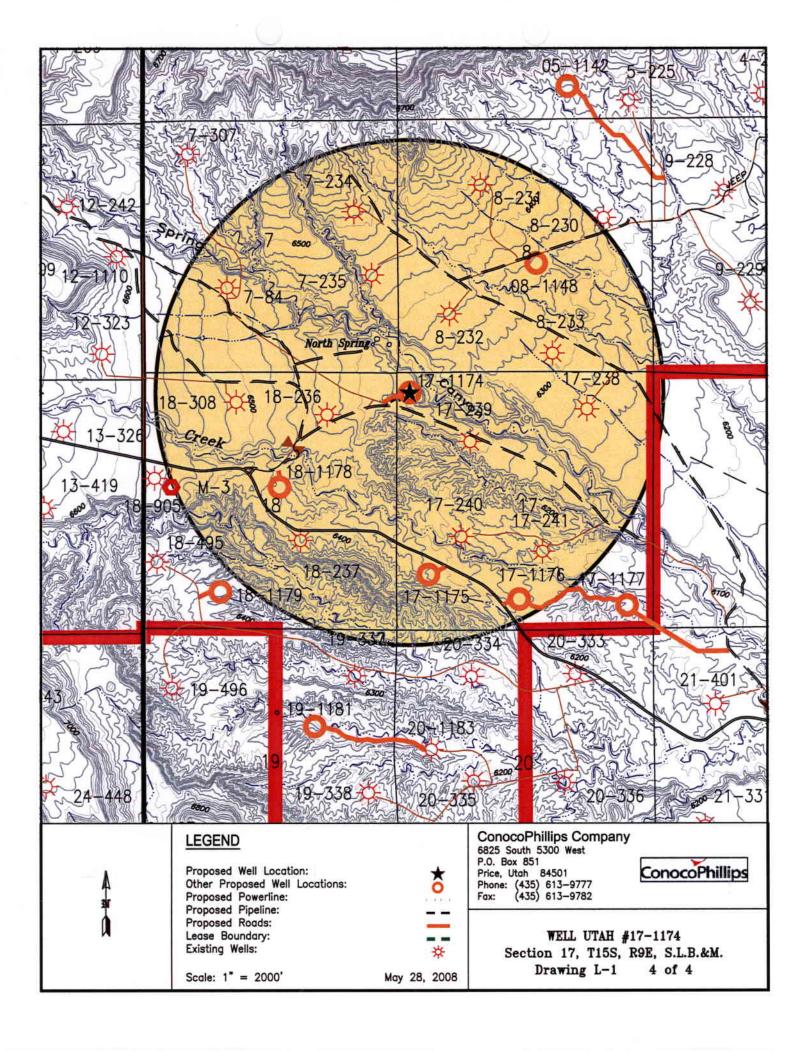
| N. BUTKOVICH | Checked By:<br>L.W.J. |  |  |
|--------------|-----------------------|--|--|
| Drawing No.  | Date:<br>5/28/08      |  |  |
| 0-7          | 1" = 80'              |  |  |
| Sheet 3 of 4 | Job No.<br>3612       |  |  |

### APPROXIMATE YARDAGES

(6")TOPSOIL STRIPPING = 810 CU. YDS.

TOTAL CUT (INCLUDING PIT) = 2,250 CU. YDS.

TOTAL FILL = 1,390 CU. YDS.



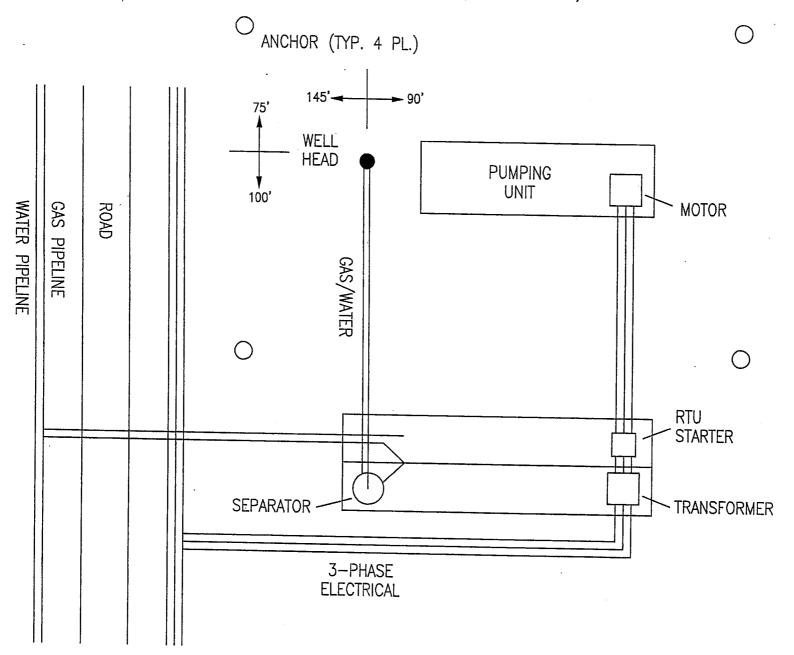




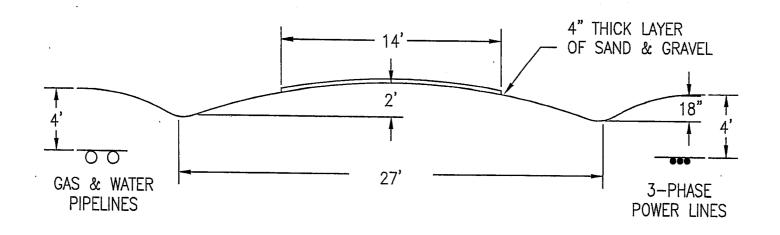


# CONOCOPHILLIPS COMPANY

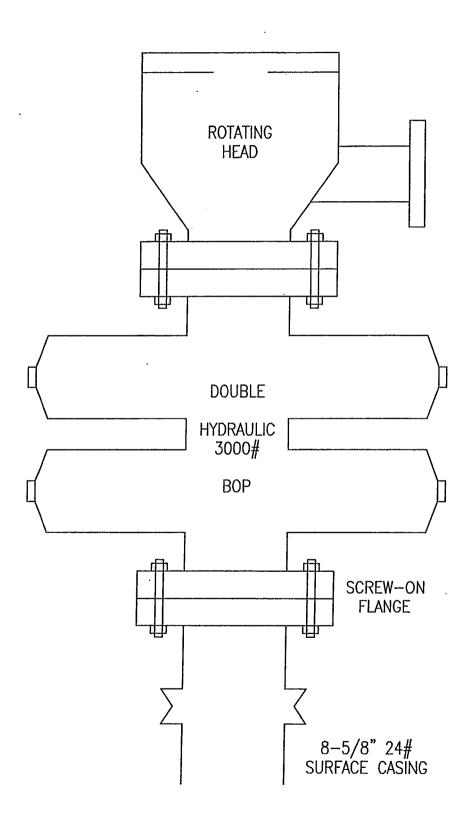
WELL SITE LAYOUT (235' x 175')



# TYPICAL ROAD CROSS-SECTION CONOCOPHILLIPS COMPANY



# <u>DIVERTER HEAD</u> CONOCOPHILLIPS COMPANY

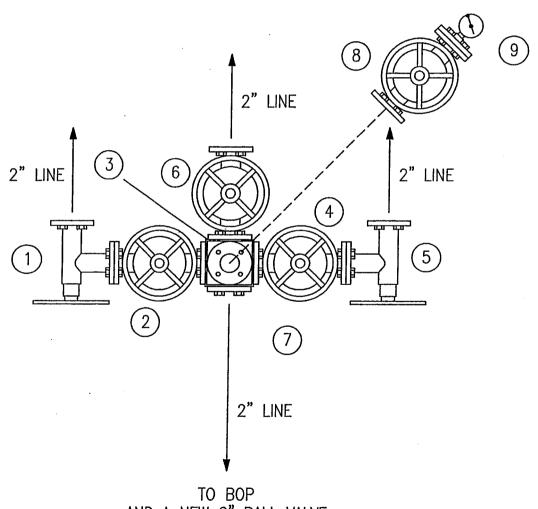


# C.NOCOPHILLIPS COMP...NY

- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CRÒSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

### NOTE:

NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



TO BOP AND A NEW 2" BALL VALVE FULL OPEN 5000 PSI

# **MANIFOLD**

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

| APD RECEIVED: 06/12/2008   | API NO. ASSIGNED: 43-007-31418   |
|--|--|
| WELL NAME: UTAH 17-1174  OPERATOR: CONOCOPHILLIPS COMPANY ( N2335 )  CONTACT: DONNA WILLIAMS   | PHONE NUMBER: 432-688-6943   |
| PROPOSED LOCATION:   | INSPECT LOCATN BY: / /   |
| NWNW 17 150S 090E  | Tech Review Initials Date  |
| SURFACE: 0414 FNL 0269 FWL<br>BOTTOM: 0414 FNL 0269 FWL  | Engineering DND 8/13/06  |
| COUNTY: CARBON   | Geology  |
| LATITUDE: 39.52681 LONGITUDE: -110.9455  UTM SURF EASTINGS: 504687 NORTHINGS: 437503   | 3 Surface  |
| FIELD NAME: DRUNKARDS WASH ( 48 )  |  |
| LEASE TYPE: 3 - State  LEASE NUMBER: ML-48207  SURFACE OWNER: 3 - State  | PROPOSED FORMATION: FRSD COALBED METHANE WELL? NO                        |
| Plat Bond: Fed[] Ind[] Sta[] Fee[] (No. 6196922 ) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL ) RDCC Review (Y/N) (Date: )  Fee Surf Agreement (Y/N) Intent to Commingle (Y/N) | LOCATION AND SITING:  R649-2-3.  Unit: DRUNKARDS WASH  R649-3-2. General |
| COMMENTS: Needs Print  | (06-26-08)   |
| STIPULATIONS: 1- STATEM  | aut of Basis   |
|  |  |

HELPER & ASSOC 8-232 GOVT E Y 

HOLMES (NCT-I) 1 UTAH 08-233 BHL 08-233 **T15S R9E** UTAH 17-1174 **③** UTAH 17-238 **★ HELPER & ASSOC 18-236** UTAH 17-239 **DRUNKARDS WASH FIELD DRUNKARDS WASH** CAUSE: 243-02 / 7-13-1999 17 UTAH 17-240 UTAH 18-237 UTAH 17-241 UTAH 17-1175 **⊕** UTAH 17-1176 UTAH 17-1177 **③** UTAH 19-337 UTAH 20-334 UTAH 20-333 **OPERATOR: CONOCOPHILLIPS CO (N2335)** T.15S R. 9E **FIELD: DRUNKARDS WASH (48) COUNTY: CARBON** Wells Status CAUSE: 243-02 / 7-13-1999 **GAS INJECTION** GAS STORAGE LOCATION ABANDONED NEW LOCATION OIL, GAS & MINING Unit Status

EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PENDING PLUGGED & ABANDONED PRODUCING GAS PRODUCING OIL SHUT-IN GAS **Field Status** ■ ABANDONED - ACTIVE COMBINED SHUT-IN OIL ■ INACTIVE TEMP. ABANDONED PI OIL PROPOSED **TEST WELL** PP GAS STORAGE Δ WATER INJECTION PP GEOTHERML **TERMINATED** WATER SUPPLY WATER DISPOSAL DRILLING PREPARED BY: DIANA MASON PP OIL SECONDARY DATE: 16-JUNE-2008 TERMINATED

# **Application for Permit to Drill Statement of Basis**

7/21/2008

### Utah Division of Oil, Gas and Mining

Page 1

APD No

API WellNo

Status

Well Type

**Surf Ownr** 

**CBM** 

818

43-007-31418-00-00

GW

S

No

Operator

CONOCOPHILLIPS COMPANY

Surface Owner-APD

Well Name UTAH 17-1174

Unit

Field

UNDESIGNATED

Type of Work

Location

NWNW 17 15S 9E S 414 FNL 269 FWL

GPS Coord (UTM) 504687E 4375033N

### **Geologic Statement of Basis**

A poorly to moderately-permeable soil is developed on a fringe of Quaternary/Tertiary Pediment Mantle covering the Upper Portion of the Blue Gate Shale Member of the Mancos Shale. No aquifers with high quality ground water are likely to be encountered. The proposed casing and cement program will adequately isolate any water-bearing strata encountered during drilling. Two underground water rights have been filed within a mile of the location By the operator.

Chris Kierst

7/18/2008

APD Evaluator

Date / Time

### **Surface Statement of Basis**

Lining of the reserve pit (12 mil. Minimum) is required, based on pit ranking criteria. Drainages shall be diverted around and away from the location and access road. The location should be bermed in accordance with EIS standards.

Mark Jones

6/26/2008

**Onsite Evaluator** 

Date / Time

#### Conditions of Approval / Application for Permit to Drill

Category

Condition

Pits

A synthetic liner with a minimum thickness of 12 mils shall be properly installed and

maintained in the reserve pit.

Surface

The well site shall be bermed to prevent fluids from leaving the pad.

Surface

Drainages adjacent to the proposed pad shall be diverted around the location.

### ON-SITE PREDRILL EVALUATION

### Utah Division of Oil, Gas and Mining

**Operator** 

CONOCOPHILLIPS COMPANY

**Well Name** 

UTAH 17-1174

**API Number** 

43-007-31418-0

Field/Unit UNDESIGNATED

Location: 1/4,1/4 NWNW

**Sec** 17 **Tw** 15S

Rng 9E

414 FNL 269 FWL

**GPS Coord (UTM)** 504689

4375038

**Surface Owner** 

**APD No 818** 

#### **Participants**

Mark Jones, Jean Semborski, Gayla Williams, Chuck (Nielson Construction).

### Regional/Local Setting & Topography

East of Carbon County Gun Range. East of existing gravel pit.

### Surface Use Plan

**Current Surface Use** 

Grazing

Wildlfe Habitat

**New Road** 

Miles

Well Pad

**Src Const Material** 

**Surface Formation** 

0.1

Width 175

Length 235

Onsite

Ancillary Facilities N

### Waste Management Plan Adequate?

### **Environmental Parameters**

Affected Floodplains and/or Wetland N

Flora / Fauna

Pinion Juniper / Sagebrush community.

Soil Type and Characteristics

rocky sandy clay

**Erosion Issues** 

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required Y

diversion around location.

Berm Required? Y

**Erosion Sedimentation Control Required?** N

Paleo Survey Run? Y Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources? Y

### **Reserve Pit**

| Site-Specific Factors                |                   | Site I      | Ranking |                    |    |
|--------------------------------------|-------------------|-------------|---------|--------------------|----|
| Distance to Groundwater (feet)       | >200              |             | 0       |                    |    |
| Distance to Surface Water (feet)     | >1000             |             | 0       |                    |    |
| Dist. Nearest Municipal Well (ft)    | >5280             |             | 0       |                    |    |
| Distance to Other Wells (feet)       | >1320             |             | 0       |                    |    |
| Native Soil Type                     | High permeability |             | 20      |                    |    |
| Fluid Type                           | Air/mist          |             | 0       |                    |    |
| Drill Cuttings                       | Normal Rock       |             | 0       |                    |    |
| <b>Annual Precipitation (inches)</b> | 10 to 20          |             | 5       |                    |    |
| Affected Populations                 | <10               |             | 0       |                    |    |
| Presence Nearby Utility Conduits     | Not Present       |             | 0       |                    |    |
|                                      |                   | Final Score | 25      | 1 Sensitivity Leve | el |

#### Characteristics / Requirements

Dugout earthen (50x50x10).

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 12 Pit Underlayment Required? N

### Other Observations / Comments

Aracheology report shows "chips" in the area of the proposed pad, clear outside of that. Just east of an existing gravel pit. Talked to Jim Davis (SITLA), not present for onsite, about infringing on gravel pit rights he stated SITLA doesn't know anything about the gravel pit or it is on the other side of the section line so there is no problem with the proposed gas well from SITLA point of view.

Mark Jones 6/26/2008
Evaluator Date / Time

Online Services

Agency List

Business

Utah Division of Water Rights



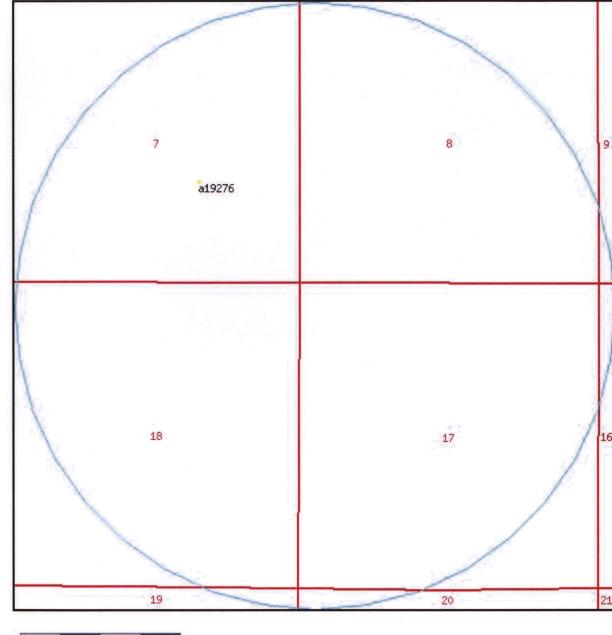
Search

### **WRPLAT Program Output Listing**

Version: 2007.04.13.01

Rundate: 07/18/2008 09:54 AM

Radius search of 5280 feet from a point S414.96 E269.48 from the NW corner, section 17, Township 15S, Range 9E, SL b&m Criteria:wrtypes=W,C,E podtypes=S,U,Sp status=U,A,P usetypes=all



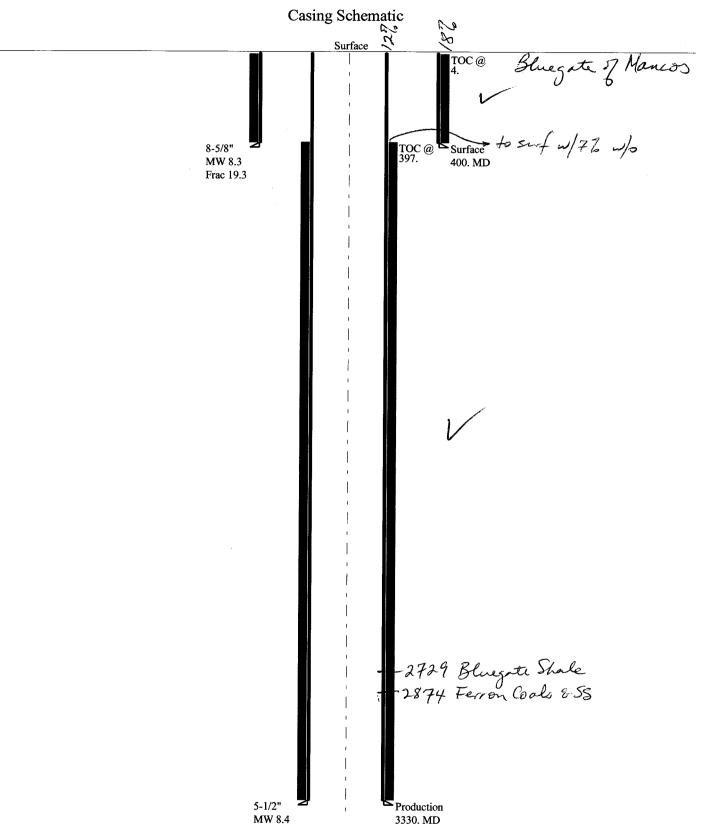
0 700 1400 2100 2800 ft

Water Rights

| WR<br>Number  | Diversion<br>Type/Location     | Well<br>Log | Status | Priority | Uses | CFS AC    | CFT | Owner Name                               |
|---------------|--------------------------------|-------------|--------|----------|------|-----------|-----|--|
| 91-4952       | Underground                    |             | Α      | 19930623 | IMOS | 5.000 0.0 | 000 | CONOCOPHILLIPS COMPANY                   |
|               | N1764 W1767 NE 18<br>15S 9E SL |             |        |          |      |           |     | MANAGER, REAL PROPERTY<br>ADMINISTRATION |
| <u>a19276</u> | Underground                    |             | Α      | 19950831 | IMS  | 5.000 0.0 | 000 | CONOCOPHILLIPS COMPANY                   |
|               | N1764 W1767 NE 18<br>15S 9E SL |             |        |          |      |           |     | P. O. BOX 851                            |

Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240 | Natural Resources | Contact | Disclaimer | Privacy Policy | Accessibility Policy

## 43007314180000 Utah 17-1174



43007314180000 Utah 17-1174 Well name:

Operator: **ConocoPhillips Company** 

Production String type:

Carbon County Location:

Project ID:

43-007-31418-0000

Design parameters: Collapse

8.400 ppg Mud weight: Design is based on evacuated pipe.

1,453 psi

Minimum design factors: Collapse: Design factor

1.125

**Environment:** 

H2S considered? Surface temperature: Bottom hole temperature:

No 65 °F 112 °F 1.40 °F/100ft

Temperature gradient: Minimum section length:

368 ft

**Burst**:

Design factor 1.00 Cement top:

397 ft

**Burst** 

Max anticipated surface

pressure: 720 psi Internal gradient: 0.220 psi/ft Calculated BHP

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 1.80 (J) 8 Round LTC: 1.60 (J) Buttress:

1.50 (J) Premium: Body yield: 1.50 (B)

Tension is based on air weight. Neutral point: 2,906 ft Non-directional string.

| Run<br>Seq | Segment<br>Length<br>(ft) | Size<br>(in) | Nominal<br>Weight<br>(lbs/ft) | Grade  | End<br>Finish | True Vert Depth | Measured<br>Depth   | Drift<br>Diameter<br>(in) | Internal<br>Capacity<br>(ft³) |
|------------|---------------------------|--------------|-------------------------------|--------|---------------|-----------------|---------------------|---------------------------|-------------------------------|
| 1          | 3330                      | 5.5          | 17.00                         | Mav-80 | LT&C          | (ft)<br>3330    | <b>(ft)</b><br>3330 | 4.767                     | 434.7                         |
| Run        | Collapse                  | Collapse     | Collapse                      | Burst  | Burst         | Burst           | Tension             | Tension                   | Tension                       |
| Seq        | Load                      | Strength     | Design                        | Load   | Strength      | Design          | Load                | Strength                  | Design                        |
|            | (psi)                     | (psi)        | Factor                        | (psi)  | (psi)         | Factor          | (Kips)              | (Kips)                    | Factor                        |
| 1          | 1453                      | 6290         | 4.329                         | 1453   | 7740          | 5.33            | 57                  | 273                       | 4.82 B                        |

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Minerals by:

Phone: 801-538-5357 FAX: 801-359-3940

Date: August 5,2008 Salt Lake City, Utah

**ENGINEERING STIPULATIONS:** 

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

43007314180000 Utah 17-1174 Well name:

Operator:

**ConocoPhillips Company** 

String type:

Surface

Project ID:

43-007-31418-0000

Location:

Collapse

Carbon County

**Environment:** Minimum design factors:

Collapse:

1.125 Design factor

H2S considered?

No

Surface temperature: Bottom hole temperature:

65 °F 71 °F

Temperature gradient: Minimum section length:

1.40 °F/100ft 150 ft

**Burst:** 

Design factor 1.00 Cement top:

4 ft

**Burst** 

Max anticipated surface

No backup mud specified.

pressure:

Design parameters:

Mud weight:

352 psi

8.330 ppg

Internal gradient: 0.120 psi/ft Calculated BHP 400 psi

Design is based on evacuated pipe.

Tension:

8 Round STC: 1.80 (J) 1.80 (J) 8 Round LTC: **Buttress:** 1.60 (J)

1.50 (J) Premium: 1.50 (B) Body yield:

Tension is based on air weight. Neutral point: 350 ft Non-directional string.

Re subsequent strings:

Next setting depth: 3,330 ft 8.400 ppg Next mud weight: Next setting BHP: 1,453 psi Fracture mud wt: 19.250 ppg

Fracture depth: Injection pressure:

400 ft 400 psi

| Run<br>Seq | Segment<br>Length<br>(ft) | Size<br>(in)                  | Nominal<br>Weight<br>(Ibs/ft) | Grade                  | End<br>Finish              | True Vert<br>Depth<br>(ft) | Measured<br>Depth<br>(ft) | Drift<br>Diameter<br>(in)     | Internal<br>Capacity<br>(ft³) |
|------------|---------------------------|-------------------------------|-------------------------------|------------------------|----------------------------|----------------------------|---------------------------|-------------------------------|-------------------------------|
| 1          | 400                       | 8.625                         | 24.00                         | J-55                   | ST&C                       | 400                        | 400                       | 7.972                         | 143                           |
| Run<br>Seq | Collapse<br>Load<br>(psi) | Collapse<br>Strength<br>(psi) | Collapse<br>Design<br>Factor  | Burst<br>Load<br>(psi) | Burst<br>Strength<br>(psi) | Burst<br>Design<br>Factor  | Tension<br>Load<br>(Kips) | Tension<br>Strength<br>(Kips) | Tension<br>Design<br>Factor   |
| 1          | 173                       | 1370                          | 7.917                         | 400                    | 2950                       | 7.38                       | 10                        | 244                           | 25.42 J                       |

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Minerals by:

Phone: 801-538-5357 FAX: 801-359-3940

Date: August 5,2008 Salt Lake City, Utah

**ENGINEERING STIPULATIONS:** 

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

### **BOPE REVIEW**

### ConocoPhillips Utah 17-1174 API 43-007-31418-0000

| INPUT                                    |                     |                   |              |  |
|--|---------------------|-------------------|--------------|--|
| Well Name                                | ConocoPhillips Utah | 17-1174 API 43-00 | 7-31418-0000 |  |
|  | String 1            | String 2          |              |  |
| Casing Size (")                          | 8 5/8               | 5 1/2             |              |  |
| Setting Depth (TVD)                      | 400                 | 3330              |              |  |
| Previous Shoe Setting Depth (TVD)        | 60                  | 400               |              |  |
| Max Mud Weight (ppg)                     | 8.4                 | 8.4               |              |  |
| BOPE Proposed (psi)                      | 0                   | 3000              |              |  |
| Casing Internal Yield (psi)              | 3520                | 5320              |              |  |
| Operators Max Anticipated Pressure (psi) | 1256                | 7.3               | ppg          |  |

| Calculations               | String 1  | 8 5/8 | /8 "  |    |
|----------------------------|---|-------|---|----|
| Max BHP [psi]              | .052*Setting Depth*MW =                           | 175   | 75  |    |
|                            |   | ·     | BOPE Adequate For Drilling And Setting Casing at Dept | h? |
| MASP (Gas) [psi]           | Max BHP-(0.12*Setting Depth) =                    | 127   | 7 NO -O/K . Air drill                                 | ,  |
| MASP (Gas/Mud) [psi]       | Max BHP-(0.22*Setting Depth) =                    | 87    | 37 NO   | •  |
|                            |   |       | *Can Full Expected Pressure Be Held At Previous Shoe  | ?  |
| Pressure At Previous Shoe  | Max BHP22*(Setting Depth - Previous Shoe Depth) = | 100   | 00 5 NO O.F.  |    |
| Required Casing/BOPE Test  | Pressure  | 400   | 00 gsi /  | -  |
| *Max Pressure Allowed @ Pr | revious Casing Shoe =                             | 60    | *Assumes 1psi/ft frac gradient                        |    |
|                            |   |       |   |    |

| Calculations               | String 2  | 5 1/2 " |          |      |   |
|----------------------------|---|---------|----------|------|---|
| Max BHP [psi]              | .052*Setting Depth*MW =                           | 1455    |          |      |   |
|                            |   | E       | OPE Ade  | equa | ate For Drilling And Setting Casing at Depth? |
| MASP (Gas) [psi]           | Max BHP-(0.12*Setting Depth) =                    | 1055    | YE       | ES , | Air drill, rotating head w/double ram 3M BOPE |
| MASP (Gas/Mud) [psi]       | Max BHP-(0.22*Setting Depth) =                    | 722     | YE       | ES   |   |
|                            |   | *       | Can Full | Ехр  | pected Pressure Be Held At Previous Shoe?     |
| Pressure At Previous Shoe  | Max BHP22*(Setting Depth - Previous Shoe Depth) = | 810     | <- N     | 0    | fleusona 5/2                                  |
| Required Casing/BOPE Test  | Pressure  | 3000 p  | si [     |      |   |
| *Max Pressure Allowed @ Pi | revious Casing Shoe =                             | (400 p  | si 🤝     |      | *Assumes 1psi/ft frac gradient                |
|                            |   |         |          |      | <u></u>                                       |

# **United States Department of the Interior**

### BURFAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

June 16, 2008

Memorandum

To:

Associate Field Office Manager,

Price Field Office

From:

Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Drunkard's Wash Unit

Carbon County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the Plan of Development dated April 9, 2008 approved April 28, 2008 has been amended. The following well within the Drunkard's Wash Unit will now be drilled at the following location.

API#

WELL NAME

LOCATION

(Proposed PZ Ferron)

43-007-31418 Utah 17-1174 Sec 17 T15S R09E 0414 FNL 0269 FWL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Drunkard's Wash Unit Division of Oil Gas and Mining Central Files

Agr. Sec. Chron Fluid Chron

MCoulthard:mc:6-16-08

 From:
 Jim Davis

 To:
 Mason, Diana

 Date:
 7/30/2008 4:03 PM

Subject: SITLA APD approval 7/30/08

CC: Bonner, Ed; Garrison, LaVonne

The following wells have been approved by SITLA including arch and paleo clearance.

| Operator       | Well Name                | API#       |
|----------------|--------------------------|------------|
| Kerr McGEE     | NBU 921-26M2AS           | 4304740113 |
| Kerr McGEE     | NBU 922-3201T            | 4304740116 |
| Kerr McGEE     | NBU 922-293              | 4304740119 |
| ConocoPhillips | Utah 17-1174             | 4300731418 |
| EOG Res        | NBU 672-25E              | 4304750028 |
| XTO Energy     | St of Ut 16-8-32-23D     | 4301530741 |
| XTO Energy     | St of Ut 16-8-31-43D     | 4301530742 |
| Gasco Prod     | Gate Cyn St 12-21-11-15  | 4301333858 |
| Gasco Prod     | State 42-32-9-19         | 4304739795 |
| National Fuel  | NFC Lindisfarne St 43-35 | 4304739852 |
| EOG Resources  | NBU 642-13E              | 4304750013 |
| EOG Resources  | NBU 640-13E              | 4304750014 |
| EOG Resources  | NBU 663-24E              | 4304750010 |
| EOG Resources  | NBU 661-24E              | 4304750011 |
| Kerr McGEE     | NBU 921-34MT             | 4304739402 |
| Kerr McGEE     | NBU 1022-25H             | 4304739033 |
| Kerr McGEE     | State 1022-25I           | 4304739034 |
| Westport O&G   | State 921-32N            | 4304737957 |
| Westport O&G   | State 921-320            | 4304737958 |
| EOG Resources  | NBU 638-13E              | 4304750016 |

<sup>-</sup>Jim Davis



Lieutenant Governor

# State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 13, 2008

ConocoPhillips Company P O Box 51810 Midland, TX 79710

Re:

Utah 17-1174 Well, 414' FNL, 269' FWL, NW NW, Sec. 17, T. 15 South, R. 9 East,

Carbon County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31418.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Carbon County Assessor

SITLA

Bureau of Land Management, Price Field Office



| Operator: ConocoPhillips Company |         |              |                         |  |  |  |  |  |  |
|----------------------------------|---------|--------------|-------------------------|--|--|--|--|--|--|
| Well Name & Number               |         | Utah 17-1174 |                         |  |  |  |  |  |  |
| API Number:                      |         | 43-007-31418 |                         |  |  |  |  |  |  |
| Lease:                           |         | ML-48207     |                         |  |  |  |  |  |  |
| Location: NW NW_                 | Sec. 17 | T. 15 South  | <b>R.</b> <u>9 East</u> |  |  |  |  |  |  |

### **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to spudding the well contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well contact Dustin Doucet
- Any changes to the approved drilling plan contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

Dan Jarvis at:

(801) 538-5338 office

(801) 942-0871 home

• Carol Daniels at:

(801) 538-5284 office

• Dustin Doucet at:

(801) 538-5281 office

(801) 733-0983 home

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2 43-007-31418 August 13, 2008

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

# DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

| Name of Company: Conocophi     | llips Compan       | <u>y</u>    |              |        |   |
|--------------------------------|--------------------|-------------|--------------|--------|---|
| Well Name: <u>Utah 17-1174</u> |                    |             | <del>.</del> |        |   |
| API No: 43-007-31418           | ]                  | Lease Type  | : State      |        |   |
| Section 17 Township 15S        | Range <b>09E</b> _ | _County_C   | arbon        |        |   |
| Drilling Contractor Pete Mart  | tin Drilling       |             | Rig # _      | Bucket |   |
| SPUDDED:                       |                    |             |              |        |   |
| Date <b>9-07-08</b>            |                    |             |              |        |   |
| Time                           |                    | <del></del> |              |        |   |
| How_Dry                        |                    | _           |              |        |   |
| Drilling will Commence:_       |                    |             |              |        |   |
| Reported by Mike Johnson       |                    |             |              |        |   |
| Telephone #307-851-5824        |                    |             |              |        |   |
| Date 9-08-08                   |                    | Signed_     | RM           |        |   |
| Date                           |                    | 5151104     | T#111        |        | - |

### STATE OF UTAH

|   | 5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48207   |                             |                                       |
|---|--|-----------------------------|---------------------------------------|
| SUNDRY  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A  |                             |                                       |
| Do not use this form for proposals to drill n<br>drill horizontal la                | 7. UNIT or CA AGREEMENT NAME:  Drunkards Wash UTU67921X  |                             |                                       |
| 1. TYPE OF WELL OIL WELL  | GAS WELL 🗸 OTHER_  |                             | 8. WELL NAME and NUMBER: Utah 17-1174 |
| 2. NAME OF OPERATOR: ConocoPhillips Company   |  |                             | 9. API NUMBER:<br>4300731418          |
| 3. ADDRESS OF OPERATOR:   |  | PHONE NUMBER:               | 10. FIELD AND POOL, OR WILDCAT:       |
| P.O. Box 51810  | <sub>y</sub> Midland <sub>STATE</sub> Tx <sub>ZIP</sub>  | 79710 (432) 688-69          |                                       |
| 4. LOCATION OF WELL .  FOOTAGES AT SURFACE: 414 FI  QTR/QTR, SECTION, TOWNSHIP, RAN |  | Đ <b>E</b>                  | COUNTY: Carbon                        |
|   | · · ·  |                             | UTAH                                  |
| <del></del>   | ROPRIATE BOXES TO INDICAT  | ·                           | REPORT, OR OTHER DATA                 |
| TYPE OF SUBMISSION  | [F-7]  | TYPE OF ACTION              |                                       |
| ☐ NOTICE OF INTENT  | ACIDIZE  | DEEPEN                      | REPERFORATE CURRENT FORMATION         |
| (Submit in Duplicate)   | ALTER CASING   | FRACTURE TREAT              | SIDETRACK TO REPAIR WELL              |
| Approximate date work will start;   | CASING REPAIR  | NEW CONSTRUCTION            | TEMPORARILY ABANDON                   |
|   | CHANGE TO PREVIOUS PLANS   | OPERATOR CHANGE             | TUBING REPAIR                         |
|   | CHANGE TUBING  | PLUG AND ABANDON            | VENT OR FLARE                         |
| SUBSEQUENT REPORT (Submit Original Form Only)                                       | CHANGE WELL NAME   | PLUG BACK                   | WATER DISPOSAL                        |
| Date of work completion:  | CHANGE WELL STATUS   | PRODUCTION (START/RESUME)   | WATER SHUT-OFF                        |
| ·   | COMMINGLE PRODUCING FORMATIONS   | RECLAMATION OF WELL SITE    | ☐ OTHER: Spud/Conductor Set           |
| 9/6/2008  | CONVERT WELL TYPE  | RECOMPLETE - DIFFERENT FOR  | MATION                                |
|   | OMPLETED OPERATIONS. Clearly show all r  |                             |                                       |
| NAME (PLEASE PRINT) Donna Wi  | lliams   | <sub>TITLE</sub> Sr. Regula | tory Specialist                       |
| SIGNATURE (   |  | DATE 9/8/2008               |                                       |
| ,   | The second secon |                             |                                       |

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|  | FORM 9   |   |  |  |  |
|--|--|---|--|--|--|
| •  | 5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48207   |   |  |  |  |
| SUNDR  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A  |   |  |  |  |
| drili horizontal                               | new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | Diulikalus Wasii                                |  |  |  |
| 1. TYPE OF WELL OIL WELL                       | GAS WELL 🗹 OTHER   | 8. WELL NAME and NUMBER:  Utah 17-1174          |  |  |  |
| 2. NAME OF OPERATOR:<br>ConocoPhillips Company | <i>1</i>   | 9. API NUMBER:<br>4300731418                    |  |  |  |
|  | TY Midland STATE TX ZIP 79710 PHONE NUMBER: (432) 688-6943   | 10. FIELD AND POOL, OR WILDCAT:  Drunkards Wash |  |  |  |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 414 F | NL & 269 FWL   | county: Carbon                                  |  |  |  |
| QTR/QTR, SECTION, TOWNSHIP, RA                 | NGE, MERIDIAN: NWNW 17 15S 9E  | STATE: UTAH                                     |  |  |  |
| 11. CHECK APP                                  | PROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REF  | PORT, OR OTHER DATA                             |  |  |  |
| TYPE OF SUBMISSION                             | TYPE OF ACTION   |   |  |  |  |
| NOTICE OF INTENT                               | ACIDIZE DEEPEN   | REPERFORATE CURRENT FORMATION                   |  |  |  |
| (Submit in Duplicate)                          | ALTER CASING FRACTURE TREAT  | SIDETRACK TO REPAIR WELL                        |  |  |  |
| Approximate date work will start:              | CASING REPAIR NEW CONSTRUCTION   | TEMPORARILY ABANDON                             |  |  |  |
|  | CHANGE TO PREVIOUS PLANS OPERATOR CHANGE   | TUBING REPAIR                                   |  |  |  |
|  | CHANGE TUBING PLUG AND ABANDON   | VENT OR FLARE                                   |  |  |  |
| SUBSEQUENT REPORT                              | CHANGE WELL NAME PLUG BACK   | WATER DISPOSAL                                  |  |  |  |
| (Submit Original Form Only)                    | CHANGE WELL STATUS PRODUCTION (START/RESUME)   | WATER SHUT-OFF                                  |  |  |  |
| Date of work completion:                       | COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE  | ✓ other: Reached TD                             |  |  |  |
| 9/21/2008                                      | CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION   | NC  |  |  |  |
| 12. DESCRIBE PROPOSED OR C                     | COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, vol  | lumes, etc.                                     |  |  |  |
|  | the rig reached total depth of 3338' KB. Ran 5 1/2" 17# M80 ST s litecrete (9.6#/G & 2.36 yield) and tail w/175 sxs Poz 50/50 (14 9/21/2008.                                     |   |  |  |  |
| <b>,</b> '                                     |  |   |  |  |  |
|  |  |   |  |  |  |
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| NAME (PLEASE PRINT) Domna Williams | TITLE Sr. Regulatory Specialist |
|------------------------------------|---------------------------------|
| SIGNATURE                          | DATE 9/24/2008                  |

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# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OU. CAS AND MINING

| DIVISION OF OIL, GAS AND MINING |   |  |  |                                       |  |   | 5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48207 |  |  |  |  |
|---------------------------------|---|--|--|---------------------------------------|--|---|--|--|--|--|--|
|                                 | SUNDRY  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br>N/A |  |                                       |  |   |  |  |  |  |  |
| Do r                            | not use this form for proposals to drill r<br>drill horizontal la | th, reenter plugged wells, or to             | 7. UNIT OF CA AGREEMENT NAME: Drunkards Wash UTU67921X |                                       |  |   |  |  |  |  |  |
| 1. TY                           | PE OF WELL OIL WELL   | 1  | L NAME and NUMBER:                                     |                                       |  |   |  |  |  |  |  |
|                                 | AME OF OPERATOR:  |  |  |                                       | ***************************************    | 9. API                                      | NUMBER:  |  |  |  |  |
|                                 | nocoPhillips Company DDRESS OF OPERATOR:                          |  |  |                                       | PHONE NUMBER:                              | 4300731418  10. FIELD AND POOL, OR WILDCAT: |  |  |  |  |  |
|                                 | ). Box 51810 CIT  | y Midland                                    | STATE TX ZIP   | 79710                                 | (432) 688-6943                             |   | nkards Wash                                      |  |  |  |  |
|                                 | OCATION OF WELL DOTAGES AT SURFACE: 414 F                         | NL & 269 FWL                                 |  |                                       |  | COUNT                                       | ry: Carbon                                       |  |  |  |  |
| Qī                              | TR/QTR, SECTION, TOWNSHIP, RAN                                    | nge, meridian: <b>NWNV</b>                   | V 17 15S 9   | E E                                   |  | STATE                                       | :<br>UTAH  |  |  |  |  |
| 11.                             | CHECK APP   | ROPRIATE BOXE                                | S TO INDICAT   | E NATURE                              | OF NOTICE, REPO                            | RT, O                                       | R OTHER DATA                                     |  |  |  |  |
|                                 | TYPE OF SUBMISSION  |  |  | <u>T</u> `                            | YPE OF ACTION                              |   |  |  |  |  |  |
|                                 | NOTICE OF INTENT  | ACIDIZE                                      |  | DEEPEN                                |  |   | REPERFORATE CURRENT FORMATION                    |  |  |  |  |
|                                 | (Submit in Duplicate)   | ALTER CASING                                 |  | FRACTURE                              |  |   | SIDETRACK TO REPAIR WELL                         |  |  |  |  |
|                                 | Approximate date work will start:                                 | CASING REPAIR                                |  | NEW CONS                              |  | 닏   | TEMPORARILY ABANDON                              |  |  |  |  |
|                                 |   | CHANGE TO PREV                               | IOUS PLANS   | OPERATOR                              |  | 닏   | TUBING REPAIR                                    |  |  |  |  |
|                                 | OURGEOUENT DEPORT   | CHANGE TUBING                                |  | PLUG AND A                            |  |   | VENT OR FLARE                                    |  |  |  |  |
| $\checkmark$                    | SUBSEQUENT REPORT<br>(Submit Original Form Only)                  | CHANGE WELL NA                               |  | PLUG BACK                             |  |   | WATER DISPOSAL                                   |  |  |  |  |
|                                 | Date of work completion:  | CHANGE WELL ST                               |  |                                       | ON (START/RESUME)                          |   | WATER SHUT-OFF                                   |  |  |  |  |
|                                 | 6/2/2009  | CONVERT WELL T                               | DUCING FORMATIONS                                      |                                       | ION OF WELL SITE  TE - DIFFERENT FORMATION | ✓.  | отнея: First Production                          |  |  |  |  |
|                                 |   |  |  |                                       |  |   |  |  |  |  |  |
|                                 | DESCRIBE PROPOSED OR CO   |  |  |                                       |  |   |  |  |  |  |  |
| Th                              | e above well had first s  | sales on June 3, 2                           | 009. The well w  | as making 10                          | 00 mcf gas, 0 oil, and                     | d 117                                       | bbls water.                                      |  |  |  |  |
|                                 |   |  |  |                                       | •  |   |  |  |  |  |  |
|                                 |   |  |  |                                       |  |   |  |  |  |  |  |
|                                 |   |  |  |                                       |  |   |  |  |  |  |  |
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|                                 |   | £  |  |                                       |  |   |  |  |  |  |  |
|                                 |   |  |  |                                       |  |   |  |  |  |  |  |
|                                 |   |  |  |                                       |  |   |  |  |  |  |  |
|                                 |   |  |  |                                       |  |   |  |  |  |  |  |
|                                 |   |  |  |                                       |  |   |  |  |  |  |  |
|                                 |   |  |  |                                       |  |   |  |  |  |  |  |
|                                 | $\overline{}$   | ·  |  | · · · · · · · · · · · · · · · · · · · |  | ,   |  |  |  |  |  |
| NAM                             | E (PLEASE PRINT) Donna Wi   | illiams                                      |  | TITL                                  | Sr. Regulatory S                           | peciali                                     | st   |  |  |  |  |
| 6101                            | IATURE  | . )_   |  | DATI                                  | 6/15/2009                                  |   |  |  |  |  |  |
| 51GN                            | IATURE L  |  |  | DATE                                  |  |   |  |  |  |  |  |
| (This s                         | pace for State use only)  |  |  |                                       |  |   |  |  |  |  |  |

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# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

|   | DIVISION OF OIL, GAS AND M  |  |                                 |              | SE DESIGNATION AND SERIAL NUMBER: 48207        |
|---|---|--|---------------------------------|--------------|--|
| SUNDRY  | NOTICES AND REPORT  | S ON WELI  | .S                              | 6. IF IN     | DIAN, ALLOTTEE OR TRIBE NAME:                  |
| Do not use this form for proposals to drill r<br>drill horizontal l | new wells, significantly deepen existing wells below cu<br>aterals. Use APPLICATION FOR PERMIT TO DRILL | rrent bottom-hole depth<br>form for such proposals | , reenter plugged wells, or to  |              | or CA AGREEMENT NAME:<br>nkards Wash UTU67921X |
| TYPE OF WELL     OIL WELL   | GAS WELL 🗹 OTHER  |  |                                 | 1            | L NAME and NUMBER:<br>n 17-1174                |
| 2. NAME OF OPERATOR:  |   |  |                                 | 9. API 1     | NUMBER:  |
| ConocoPhillips Company  |   |  |                                 | 1            | 0731418  |
|   | <sub>Y</sub> Midland <sub>STATE</sub> Tx <sub>ZIF</sub>   | ,79710   | PHONE NUMBER:<br>(432) 688-6943 |              | LD AND POOL, OR WLDCAT:<br>nkards Wash         |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 414 F                      | NL & 269 FWL  |  |                                 | COUNT        | y: Carbon                                      |
| QTR/QTR, SECTION, TOWNSHIP, RAN                                     | ige, meridian: NWNW 17 15S 5  | 9E   |                                 | STATE:       | UTAH   |
| 11. CHECK APPI  | ROPRIATE BOXES TO INDICAT   | TE NATURE C  | F NOTICE, REPO                  | RT, OF       | R OTHER DATA                                   |
| TYPE OF SUBMISSION  |   | TY   | PE OF ACTION                    |              | -  |
| NOTICE OF INTENT  | ACIDIZE   | DEEPEN   |                                 |              | REPERFORATE CURRENT FORMATION                  |
| (Submit in Duplicate)   | ALTER CASING  | FRACTURE T   | REAT                            |              | SIDETRACK TO REPAIR WELL                       |
| Approximate date work will start:                                   | CASING REPAIR   | NEW CONST  | RUCTION                         |              | TEMPORARILY ABANDON                            |
|   | CHANGE TO PREVIOUS PLANS  | OPERATOR O   | HANGE                           |              | TUBING REPAIR                                  |
|   | CHANGE TUBING   | PLUG AND A   | BANDON                          |              | VENT OR FLARE                                  |
| SUBSEQUENT REPORT (Submit Original Form Only)                       | CHANGE WELL NAME  | PLUG BACK  |                                 |              | WATER DISPOSAL                                 |
| Date of work completion:  | CHANGE WELL STATUS  | PRODUCTION   | (START/RESUME)                  |              | WATER SHUT-OFF                                 |
| ·   | COMMINGLE PRODUCING FORMATIONS  | RECLAMATIC   | N OF WELL SITE                  | $\checkmark$ | отнея: First Production                        |
| 6/2/2009  | CONVERT WELL TYPE   | RECOMPLET  | - DIFFERENT FORMATION           |              |  |
|   | ompleted operations. Clearly show all rales on June 3, 2009. The well w                                 |  |                                 |              | obls water.                                    |
| NAME (PLEASE PRINT) Donna Wil                                       | liams   | TITLE  | Sr. Regulatory Sp               | ecialis      | t  |
| SIGNATURE SIGNATURE   | <u> </u>  | DATE   | 6/15/2009                       |              |  |
| (This space for State use only)                                     |   |  |                                 |              |  |

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JUN 17 2009

| STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS AND MINING                               |                                    |                       |              |                |             |            |              |             | (hi                                       | AMENDED REPORT FORM 8 (highlight changes)  5. LEASE DESIGNATION AND SERIAL NUMBER: |              |                       |           |           |                              |  |
|---|------------------------------------|-----------------------|--------------|----------------|-------------|------------|--------------|-------------|---|--|--------------|-----------------------|-----------|-----------|------------------------------|--|
|   |                                    | DIVIG                 | NON OF       | OIL, G         | IAS AN      | יוואוואו ט | NG           |             |   |  |              | ML 48207              |           |           |                              | JEN.   |
| WEL   | L COMPL                            | ETION                 | OR R         | ECON           | /IPLE       | ION R      | EPOF         | RT AND      | LOG                                       |  |              | INDIAN, A             | LLOTTEE   | OR TR     | IBE NAME                     |  |
| 1a. TYPE OF WELL  | :                                  | OIL [                 |              | AS<br>VELL Z   | DRY         |            | ОТН          | ER          |   |  |              | NIT or CA /<br>Drunka |           |           | JTU679                       | 21X  |
| b. TYPE OF WORK<br>NEW<br>WELL.   | (:<br>HORIZ.<br>LATS.              | DEEP-                 | <u>۽</u> ٦   | E-<br>NTRY     | DIFF        | VR.        | ОТН          | ER          |   |  |              | ELL NAME<br>Utah 17   |           |           | _                            |  |
| 2. NAME OF OPERA  | ATOR:                              |                       |              |                | , , ,       | VIV. [     | 0111         | <u> </u>    |   |  | 9. A         | PI NUMBER             | ₹:        |           | <del></del>                  |  |
| ConocoPhillips Company  3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE TX ZIP 79710 (432) 688-6943 |                                    |                       |              |                |             |            |              |             | 10 F                                      | IELD AND I   | OOL, OF      | _                     | AT        |           |                              |  |
| 4. LOCATION OF W  | ELL (FOOTAGES)                     |                       |              |                |             |            |              |             | _, -, -, -, -, -, -, -, -, -, -, -, -, -, |  |              |                       |           |           | SHIP, RANG                   | E,   |
|   | 414 FNL &                          |                       |              |                |             |            |              |             |   |  |              | WNW                   |           | 158       |                              |  |
| AT TOTAL DEPT   | H: ,                               |                       |              |                |             |            |              |             |   |  |              | COUNTY<br>Carbon      |           |           | 13. STATE                    | UTAH   |
| 14. DATE SPUDDED 9/6/2008   | 1                                  | TE T.D. REA<br>1/2008 | CHED:        | 16. DATE C     | OMPLETED    | ):         | ABANDON      | ED          | READY TO F                                | PRODUC   | E 🗸          | 17. ELEV              | ATIONS (I |           | 3, RT, GL):                  |  |
| 18. TOTAL DEPTH:  |                                    | 1/2000                | 19. PLUG     |                | MD 3,2      | 40         | 20. IF I     | MULTIPLE CO | OMPLETIONS                                | S, HOW I   | MANY?*       | 21. DEPT              |           |           |                              |  |
| 00 TVDE EL EQTO   | TVD                                | NIANICAL I            | OCC PUNIC    |                | TVD         | <u> </u>   |              | 23.         |   |  |              | , 20                  |           | TV        | ) .                          | <u> </u>   |
| Attached  | AND OTHER MED                      | MANICAL E             | JGS RUN (S   | ubmit copy (   | or each)    |            |              | ł           | L CORED?<br>RUN?                          |  | NO<br>NO     |                       | s 🗌       | -         | mit analysis)<br>mit report) |  |
| CDICI   | 4,DIG                              | <del></del>           |              |                |             |            |              | DIRECTIO    | NAL SURVEY                                | <b>'?</b>  | NO           | _                     | s 🗍       | (Sub      | mit copy)                    |  |
| 24. CASING AND LI   | <u>`</u>                           | T                     |              | <del></del>    | <del></del> |            | STAGE        | EMENTER     | CEMENT T                                  | VDF &  | SLUI         | RRY T                 |           |           | Т                            |  |
| HOLE SIZE   | SIZE/GRADE                         | WEIGH                 | T (#/ft.)    | TOP (ME        | )) BO       | TTOM (MD)  |              | PTH         |   |  | VOLUME (BBL) |                       | <u> </u>  |           | AMOUNT                       | PULLED   |
| 11"   | 8 5/8 J55                          |                       | 4#           | 0              |             | 401        | <u> </u>     |             | Gneat                                     |  |              |                       | Sur       |           |                              |  |
| 7 7/8   | 5 1/2 J5                           | 1                     | 7#           | 0              | -           | 3,297      | ļ            |             | litecrt<br>Poz50/                         | 235  |              |                       | Surf      | ace       | <u> </u>                     |  |
|   |                                    |                       |              |                |             |            | <u> </u>     |             | F0250/                                    | 175  |              |                       |           |           | <del>-</del>                 |  |
|   |                                    |                       |              |                |             |            |              |             |   |  |              | <del></del>           |           |           | +                            |  |
|   |                                    |                       |              |                | $\neg$      |            |              |             |   |  |              |                       |           |           | <del> </del>                 |  |
| 25. TUBING RECOR  | RD                                 |                       |              | -              | L           |            |              |             |   |  |              |                       |           |           | <u> </u>                     |  |
| SIZE  | DEPTH SET (A                       | (D) PAC               | KER SET (M   | D)             | SIZE        | DEPT       | H SET (MD)   | PACKE       | R SET (MD)                                |  | SIZE         | DE                    | PTH SET   | (MD)      | PACKER S                     | SET (MD)   |
| N/A   | _l                                 |                       |              |                |             | ,          |              |             |   | L  |              |                       |           |           | <u> </u>                     |  |
| 26. PRODUCING IN  |                                    |                       | Lagran       |                | TOD (TUD)   | T sorre    | NA (77) (75) |             | RATION REC                                |  | 0.77         | No Hore               | . 1       | 55550     |                              |  |
| FORMATION   | NAME                               | TOP (MD)              | BOTTO        |                | TOP (TVD)   | BOTTO      | OM (TVD)     |             | L (Top/Bot - N                            |  | SIZE         | NO. HOLE              |           |           | RATION STA                   | TUS  |
| (A) Ferron  |                                    | 2,920                 | 3,1          | 04             |             |            |              | 2,920       |   | 972  | 4spf         | 62                    | Open      |           | Squeezed                     | <del> </del>                                     |
| (B)   |                                    |                       |              |                |             |            |              | 3,072       |   |  | 4spf         | 58                    | Open      |           | Squeezed                     | <del>                                     </del> |
| (C)   |                                    |                       | <del> </del> | <u> </u>       |             |            |              | 3,129       | 3,  | 164  | 4spf         | 75                    | Open      |           | Squeezed                     | <del> </del> -                                   |
| (D)   |                                    |                       |              |                |             |            |              |             | <u> </u>                                  | - 1  |              |                       | Open      | <u> Ц</u> | Squeezed                     | Щ  |
| 28. ACID, FRACTUR   | NTERVAL                            | EMENT SQU             | JEEZE, ETC   |                |             |            | AM           | DUNT AND T  | YPE OF MAT                                | FRIAI  |              |                       |           |           |                              | <del></del>                                      |
| 2920-2972   | INTERVAL.                          | - E 14                | /068 hb      | la Sah         | Localfre    | 20 15 flu  |              |             |   |  | of N2        | ± 1578                | 70# 1     | 6/20      | ottowo                       | ond o  |
| 3072-3110   |                                    |                       |              |                |             | 995# 16    |              |             | em + 11                                   | 40 ms  | SCI INZ      | T 13/3                | 0/9# 1    | 6/30      | ollawa                       | Snu  |
| 3129-3164   |                                    |                       |              |                |             |            |              | _           | em + 10                                   | 64 m   | sof N2       | + 006                 | 12# 16    | 3/30 /    | ottowa s                     | nd   |
| 29. ENCLOSED ATT  | ACHMENTS:                          | [FW                   | 133514       | gis our        | Jouann      | ac 15 III  | nu nea       | iiig sysi   | em + 10                                   | 04 111   | SCI IVZ      | T 900                 |           |           | Juawa S                      | 110  |
| ELECT   | RICAL/MECHANICA<br>Y NOTICE FOR PL |                       | D CEMENT '   | /ERIFICATIO    | DN [        | GEOLOG     | SIC REPOR    |             | DST REPORT                                | R  |              | TIONAL SU             | RVEY      | + d to b  | 2.77.00.                     |  |
|   |                                    |                       |              | - <del> </del> |             |            | . <u></u>    |             |   |  |              | <del>V L</del>        | <u></u>   |           |                              |  |

(CONTINUED ON BACK)

JUN 29 2009

| 34 | IMITIAL | PRODUCTION |  |
|----|---------|------------|--|

#### INTERVAL A (As shown in item #26)

| DATE FIRST PR<br>6/2/2009       | ODUCED:          | TEST DATE: 6/3/2009 |              | HOURS TESTED             | 24               | TEST PRODUCTION RATES: →     | OIL - BBL:   | GAS - MCF:<br>100 | WATER - BBL:     | PROD. METHOD: Pmping  |
|---------------------------------|------------------|---------------------|--------------|--------------------------|------------------|------------------------------|--------------|-------------------|------------------|-----------------------|
| CHOKE SIZE:                     | TBG. PRESS.      | CSG. PRESS.<br>350  | API GRAVITY  | BTU – GAS                | GAS/OIL RATIO    | 24 HR PRODUCTION RATES: →    | OIL – BBL:   | GAS - MCF:<br>100 | WATER - BBL: 117 | INTERVAL STATUS: Open |
|                                 |                  |                     |              | INT                      | ERVAL B (As show | wn in item #26)              |              |                   |                  |                       |
| DATE FIRST PR                   | RODUCED:         | TEST DATE:          |              | HOURS TESTED             | ):               | TEST PRODUCTION RATES: →     | OIL BBL:     | GAS - MCF:        | WATER – BBL:     | PROD. METHOD:         |
| CHOKE SIZE:                     | TBG. PRESS.      | CSG. PRESS.         | API GRAVITY  | BTU – GAS                | GAS/OIL RATIO    | 24 HR PRODUCTION<br>RATES: → | OIL BBL:     | GAS - MCF:        | WATER - BBL:     | INTERVAL STATUS:      |
|                                 |                  |                     |              | INTE                     | ERVAL C (As sho  | wn in item #26)              |              |                   |                  |                       |
| DATE FIRST PF                   | RODUCED:         | TEST DATE:          |              | HOURS TESTED             | ):               | TEST PRODUCTION RATES: →     | OIL - BBL:   | GAS MCF:          | WATER BBL:       | PROD. METHOD:         |
| CHOKE SIZE:                     | TBG. PRESS.      | CSG. PRESS.         | API GRAVITY  | BTU – GAS                | GAS/OIL RATIO    | 24 HR PRODUCTION RATES: →    | OIL - BBL:   | GAS MCF:          | WATER BBL:       | INTERVAL STATUS:      |
|                                 | <del></del>      |                     |              | INTI                     | ERVAL D (As sho  | wn in item #26)              | •            |                   | -                |                       |
| DATE FIRST PRODUCED: TEST DATE: |                  | HOURS TESTED:       |              | TEST PRODUCTION RATES: → | OIL BBL:         | GAS - MCF:                   | WATER - BBL: | PROD. METHOD:     |                  |                       |
| CHOKE SIZE:                     | TBG. PRESS.      | CSG. PRESS.         | API GRAVITY  | BTU – GAS                | GAS/OIL RATIO    | 24 HR PRODUCTION RATES: →    | OIL BBL:     | GAS - MCF:        | WATER - BBL:     | INTERVAL STATUS:      |
| 32. DISPOSITIO                  | ON OF GAS (Sold, | Used for Fuel, Ve   | ented, Etc.) |                          | •                |                              |              | •                 | *                | <u> </u>              |

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

34. FORMATION (Log) MARKERS:

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

| Formation | Top<br>(MD) | Bottom<br>(MD) | Descriptions, Contents, etc. | Name                                   | Top<br>(Measured Depth)          |
|-----------|-------------|----------------|------------------------------|--|----------------------------------|
|           |             |                | :                            | Bluegate<br>Ferron<br>B/Coal<br>Tunuck | 2,728<br>2,907<br>3,165<br>3,258 |
|           |             |                |                              |  |                                  |

35. ADDITIONAL REMARKS (Include plugging procedure)

| 36. I hereby certify that the foregoing and attached information is complete and correct as determined to the correct as determined | mined from all available records. |
|---|-----------------------------------|
|   |                                   |
| NAME (PLEASE PRINT) Donna Williams  | TITLE Sr. Regulatory Specialist   |
|   |                                   |
| SIGNATURE CLA   | <sub>DATE</sub> 6/22/2009         |

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- \* ITEM 20: Show the number of completions if production is measured separately from two or more formations.
- \*\* ITEM 24: Cement Top Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

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JAMES CAR CREEKEN